SEQUENCE LISTING

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<120> Adeno-associated virus vectors

<130> 875.007US2

<140> US10/054,665
<141> 2002-01-22

<150> US 60/086,166
<151> 1998-05-20

<150> US 09/276,625
<151> 1999-03-25

<160> 14

<170> FastSEQ for Windows Version 4.0

<210> 1
<211> 20
<212> DNA
<213> Adeno-associated virus

<400> 1
cgggggtcgt tgggcggtca 20

<210> 2
<211> 19
<212> DNA
<213> Adeno-associated virus

<400> 2
gggcggagcc tatggaaaa 19

<210> 3
<211> 505
<212> DNA
<213> Artificial Sequence

<220>
<223> A synthetic consensus sequence

<400> 3
cgggggtcgt tgggcggtca gccaggcggg ccatttaccg taagttatgt aacgactgca 60
ggcatgcaag ctcgaattca tcggtagata agtagcatgg cgggttaatc attaactaca 120
aggaacccct agtgatggag ttggccactc cctctctgcg cgctcgctcg ctcgctgagg 180
ccgggcgacc aaaggtcgcc cgacgcccgg gctttgcccg ggcggcctca gtgagcgagc 240
gagcgcgcag ctgcgcgctc gctcgctcac tgaggccgcc cgggcaaagc ccgggcgtcg 300
ggcgaccttt ggtcgcccgg cctcagcgag cgagcgagcg cgcagagagg gagtggccaa 360
ctccatcact aggggttcct tgtagttaat gattaacccg ccatgctact tatctacagc 420
ttgcatgcat gtgagcaaaa ggccagcaaa aggccaggaa ccgtaaaaag gccgcgttgc 480
tggcgttttt ccataggctc cgccc 505

<210> 4
<211> 272
<212> DNA
<213> AAV circular intermediate, clone p81

<400> 4
gcatgcaagc tgtagataag tagcatggcg ggttaatcat taactacaag gaacccctag 60
tgatggagtt ggccactccc tctctgcgcg ctcgctcgct cactgaggcc gggcggccaa 120
aggtcgcccg acgcccgggc tttgcccggg cggcctcagt gagcgagcga gcgcgcagag 180
agggagtggc caactccatc actaggggtt ccttgtagtt aatgattaac ccgccatgct 240
acttatctac cgatgaattc gagcttgcat gc 272

<210> 5
<211> 300
<212> DNA
<213> AAV circular intermediate, clone p79

<400> 5
gcatgcaagc tgtagataag tagcatggcg ggttaatcat taactacaag gaacccctag 60
tgatggagtt ggccactccc tctctgcgcg ctcgctcgct cactgaggcc gggcgcgcgc 120
tcgctcgctc actgaggccg ggcgaccaaa ggtcgcccga gcccgggctt tgcccgggcg 180
gcctcagtga gcgagcgcgc gcgcagagag ggagtggcca actccatcac taggggttcc 240
ttgtagttaa tgattaaccc gccatgctac ttatctaccg atgaattcga gcttgcatgc 300

<210> 6
<211> 272
<212> DNA
<213> AAV circular intermediate, clone p1202

<400> 6
gcatgcaagc tgtagataag tagcatggcg ggttaatcat taactacaag gaacccctag 60
tgatggagtt ggccactccc tctctgcgcg ctcgctcgct cactgaggcc gggcgaccaa 120
aggtcgcccg acgcccgggc tttggtcgcc cggcctcagt gagcgagcga gcgcgcagag 180
agggagtggc caactccatc actaggggtt ccttgtagtt aatgattaac ccgccatgct 240
acttatctac cgatgaattc gagcttgcat gc 272

<210> 7
<211> 165
<212> DNA
<213> Unknown

<220>
<223> SEQ ID NO:1 of U.S. Patent No. 5,478,745

<400> 7
aggaacccct agtgatggag ttggccactc cctctctgcg cgctcgctcg ctcactgagg 60
ccgggcgacc aaaggtcgcc cgacgcccgg gctttgcccg ggcggcctca gtgagcgagc 120
gagcgcgcag agagggagtg gccaactcca tcactagggg ttcct 165

<210> 8
<211> 282
<212> DNA
<213> rAAV circular intermediate, clone p79

<400> 8
ggcgggccat ttaccgtaag ttatgtggcg actgcaggca tgcaagctcg aattcatcgg 60
tagataagta gcatggcggg ttaatcattg cctacaaaga gcccctagtg atggagtggg 120
ccactccctc tcttcgccga gcgcgcagag agggagtggc caactccctc actaggggtt 180
cctggcagtt aatgattaac ccgccatgct acttatctac agcttgcatg catgtgagca 240
aaaggccagc aaaaggccag gaaccgtaaa aaggccgcgt tg 282

<210> 9
<211> 345
<212> DNA
<213> rAAV circular intermediate, clone p80

<400> 9
ggccatttac cgtaagttat gtaacgactg caggcatgca agctcgaatt catcggtaga 60
taagtagcat ggcgggttaa tcattaacta caaggaaccc ctagtgatgg agttggccac 120
tccctctctg cgcgctcgct cgctcgctca ggccgggcga ccaaaggtcg cccgacgccc 180
gcccggcctc agcgagcgag cgagcgcgca gagagggagt ggccaactcc atcactaggg 240
gttccttgta gttaatgatt aacccgccat gctacttatc tacagcttgc atgcatgtga 300
gcaaaaggcc agcaaaaggc caggaaccgt aaaaaggccg cgttg 345

<210> 10
<211> 276
<212> DNA
<213> rAAV circular intermediate, clone p81

<400> 10
ggccatttac cgtaagttat gtggcgactg caggcatgca agctcgaatt catcggtaga 60
taagtagcat ggcgggttaa tcattgccta caaagagccc ctagtgatgg agcccggcct 120
caccgagcga gcgagcgcgc agagagggag tggccaactc catcactagg ggttccttgt 180
agttaatgat taacccgcca tgctacttat ctacagcttg catgcatgtg agcaaaaggc 240
cagcaaaagg ccaggaaccg taaaaaggcc gcgttg 276

<210> 11
<211> 316
<212> DNA
<213> rAAV circular intermediate, clone p86

<400> 11
ggccatttac cgtaagttat gtaacgactg caggcatgca agctcgaatt catcggtaga 60
taagtagcat ggcgggttaa tcattaacta caaggaaccc ctagtgatgg agttggccac 120
tccctctctg cgcgctcgct cgctcgctga ggccgccccg gcctcagcga gcgagcgagc 180
gcgcagagag ggactggcca actccatcac taggggttcc ttgtagttaa tgattaaccc 240
gccatgctac ttatctacag cttgcatgca tgtgagcaaa aggccagcaa aaggccagga 300
accgtaaaaa ggccgc 316

<210> 12
<211> 208
<212> DNA
<213> rAAV circular intermediate, clone p87

<400> 12
ggccatttac cgtaagttat gtaacgactg caggcatgca agctcgaatt catcggtaga 60
taagtagcat ggcgggttac tcattgccta caaagagccc ctagtgatgg aattggaatg 120
attcaccctc catgctactt atctacagct tgcatgcatg tgagcaaaag gccagcaaaa 180
ggccaggaac cgtaaaaagg ccgcgttg 208

<210> 13
<211> 310
<212> DNA
<213> rAAV circular intermediate, clone p88

<400> 13
gccatttacc gtaagttatg taacgactgc aggcatgcaa gctcgaattc atcggtagat 60
aagtagcatg gcgggttaat cattgcctac aaagagcccc tagtgatgga gttggccact 120
ccctctctgc gcgctcgctc gctgggcccg gcctcagcga gcgagcgagc gcgcagagag 180
ggagtggcca actccatcac taggggttcc ttgtagttaa tgattaaccc gccatgctac 240
ttatctacag cttgcatgca tgtgagcaaa aggccagcaa aaggccagga accgtaaaaa 300
ggccgcgttg 310

<210> 14
<211> 334
<212> DNA
<213> Artificial Sequence

<220>
<223> A synthetic portion of the consensus sequence

<400> 14
gtagataagt agcatggcgg gttaatcatt aactacaagg aacccctagt gatggagttg 60
gccactccct ctctgcgcgc tcgctcgctc gctgaggccg ggcgaccaaa ggtcgcccga 120
cgcccgggct ttgcccgggc ggcctcagtg agcgagcgag cgcgcagctg cgcgctcgct 180
cgctcactga ggccgcccgg gcaaagcccg ggcgtcgggc gacctttggt cgcccggcct 240
cagcgagcga gcgagcgcgc agagagggag tggccaactc catcactagg ggttccttgt 300
agttaatgat taacccgcca tgctacttat ctac 334